

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL
CONDITIONAL MAJOR RENEWAL PERMIT
No. F-06-045
U.S. SMOKELESS TOBACCO MANUFACTURING COMPANY
HOPKINSVILLE, KENTUCKY
JANUARY 30, 2007
MARTHA M. ALLMAN, REVIEWER
SOURCE I.D. #: 021-047-00055
SOURCE A.I. #: 794
ACTIVITY #: APE20060002

On July 20, 2006, U.S. Smokeless Tobacco Manufacturing Company (USSTMC) filed an application for renewal of its conditional major permit. USSTMC manufactures chewing and smoking tobacco in Christian County, Kentucky.

This permit includes a new 1750 kW diesel emergency generator and a new process activity, Cure Preparation Mixers, that prepares tobacco for curing by mixing it with water, salts, flavors, and ethanol. A portion of the ethanol evaporates during mixing and during the discharge into transportation containers. The containers are not stored on site, but are transported by truck to another facility on the same day that the mixture is prepared. The permit also incorporates revisions made in previous permitting actions; the installation of a multi-cyclone for particulate emission control on a fluidized-bed dryer; the addition of laboratory fume hoods and laboratory solvent extraction activity to the insignificant activities list; the deletion of plans to install a second fluidized-bed dryer and substitution of a steam dryer for a hot water dryer in the dry flour process; deletion of Kabat use (solvent emission) on tobacco redryer; and deletion of a 500 gallon gasoline tank from the insignificant activities list.

PUBLIC, EPA, AND AFFECTED STATE REVIEW:

On November 22, 2006, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *Kentucky New Era*. The public comment period expired 30 days from the date of publication. Comments were received from USSTMC on December 4, 2006. Minor changes were made to the permit as a result of the comments received, and the permit is now being issued as final.